

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1 (currently amended): A medical electrical lead system adapted to be at least partially implanted in a human patient, the lead system comprising:

a seed electrode affixed to a conducting wire; and

an implantable interface ~~adapted to receive~~ to electrically connect to the conducting wire at a ~~desired~~ location along a length of the conducting wire;

wherein the interface is adapted to provide a closed electrical circuit between a medical device and the seed electrode.

Claim 2 (currently amended): The medical electrical lead system of claim 1, wherein the implantable interface ~~includes~~ is configured as a burr hole cover.

Claim 3 (original): The medical electrical lead system of claim 1, wherein the implantable interface is adapted to be positioned in a subcutaneous location.

Claim 4 (original): The medical electrical lead system of claim 1, wherein the implantable interface is adapted to be positioned within brain tissue of the patient.

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (canceled)

Claim 8: (original): The medical electrical lead system of claim 1, wherein the seed electrode has a substantially greater diameter than the conducting wire.

Claim 9 (new): The medical electrical lead system of claim 1 further comprising a plurality of seed electrodes, each seed electrode affixed to a conducting wire, wherein the implantable interface is configured to electrically connect to each conducting wire at a location along a length of the conducting wires.

Claim 10 (new): The medical electrical lead system of claim 1 wherein the interface comprises at least one punchdown terminal.

Claim 11 (new): The medical electrical lead system of claim 10 where the punchdown terminal comprises at least one blade.